



# NITFS

## Compliance Registration



**Product:** Space Imaging Control Image Base System  
(CIBS) version 1.0

**Sponsor:** Space Imaging

**Developer:** Raytheon

**Date:** 14 October  
**Expiration:** 2003  
**Registration #** 13 October  
2005  
339

☒ Initial Registration  
☐ Supplemental/Update #  
☐ Derived from Reg. #

### System

N-0105/98, §4.1.1

### Product

N-0105/98, §4.1.2

### Component

N-0105/98, §4.1.3

### NITFS Features Implemented:

#### Format

☒ NITF

☐ v2.1

☒ v2.0

☐ v1.1

☒ NSIF

☐ v1.0

#### Image Segment Types

☒ MONO

☐ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NODISPLAY

☐ POLAR

#### Data Extension Segments

☐ PRE OVERFLOW

☐ STREAMING FILE HEADER

☐ Controlled Extensions \*\*

☐ Registered Extensions \*\*

#### Tagged Record

☒ RPFHDR

☒ RPFIMG

☒ RPFDES

#### Image Compression

☐ Not Compressed

☐ JPEG Lossy, 8-bit

☐ JPEG Lossy, 12-bit

☐ JPEG Downsample

☐ JPEG Lossless

☐ JPEG 2000

☐ BiLevel

☒ Vector Quantization

☐ Multispectral JPEG, Individual Band

#### Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer \*

☐ IEEE Real \*

☐ IEEE Complex \*

#### Annotation Segment Types

☐ Bi Mapped \*\*

☐ CGM, 2301

☐ CGM, 2301A

☐ Labels \*\*

#### Text Segments

☐ STA

☐ QT1

☐ Q8S

☐ QMTF

☒ Fully implemented

☐ Partially implemented

☐ Not implemented

### Configurations Tested:

-SGI Origin, IRIX 6.5

-SGI Octane, IRIX 6.5

EDWARD E. BOYLES, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Imagery & Mapping Agency  
for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
the product for the intended use. Optional NITFS features may not be implemented.